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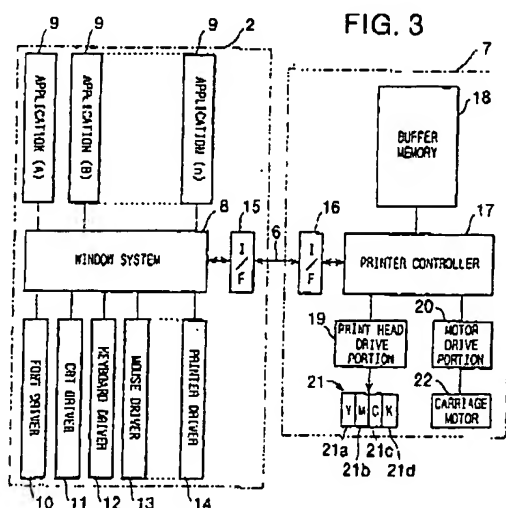
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(54) Printer with buffer memory

(57) A buffer memory 18 is formed with at least one buffer area, each for storing one band's worth of print data. The storage capacity of each buffer area is determined dependently on both the resolution and the print mode. The number of the buffer areas formed in the buffer memory is also determined dependently on both the resolution and the print mode. When the printer is supplied with successive bands' worth of print data at 720dpi at a color print mode, the buffer memory is formed with a single buffer area for storing one band's

worth of print data for four colors. The buffer area has four storage regions for the four colors. Each storage region is for storing one band's worth of print data for a corresponding color. When the printer is supplied with successive bands' worth of print data at the same resolution in a monochromatic print mode, the buffer memory is formed with four buffer areas capable of storing four bands' worth of print data for a single color. Each buffer area is for storing one band's worth of print data for the single color.



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